

FIG. 1

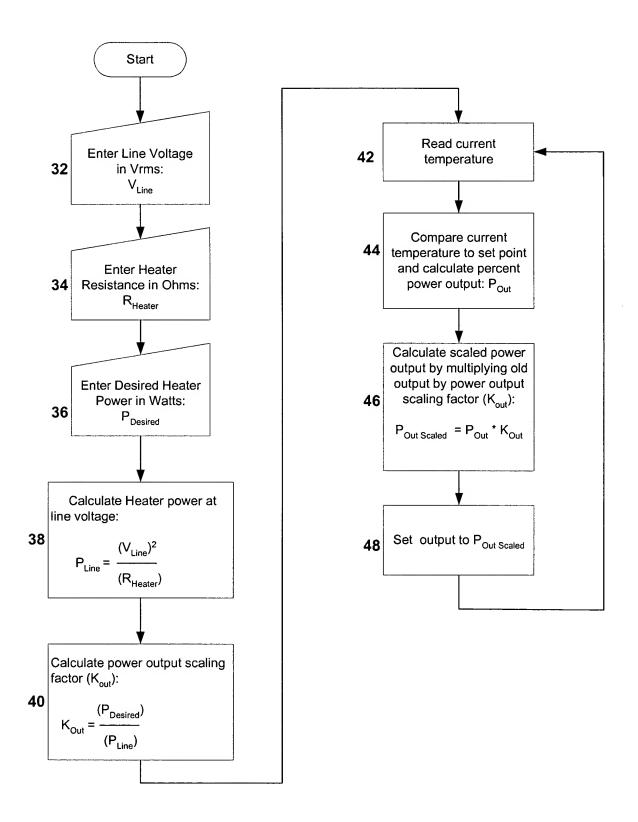


FIG. 2

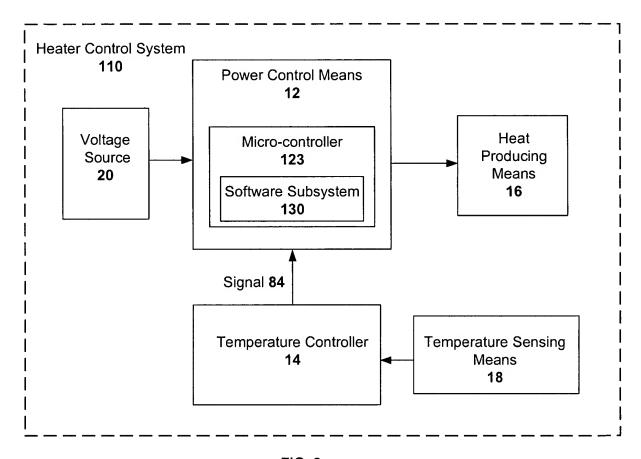


FIG. 3

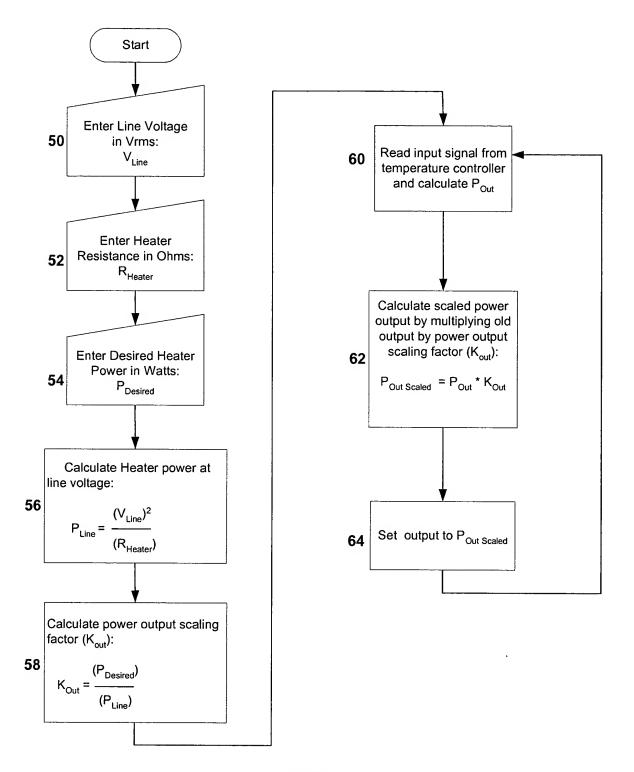


FIG. 4

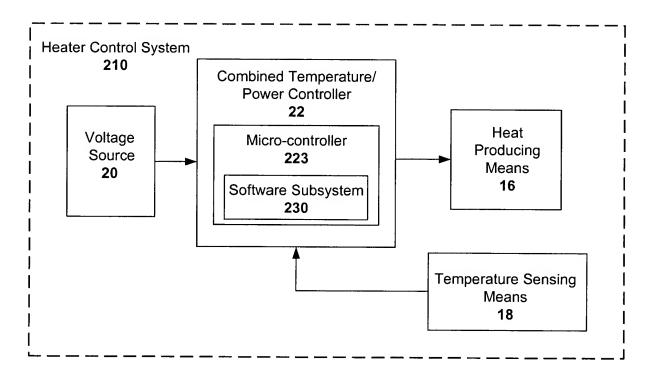


FIG. 5

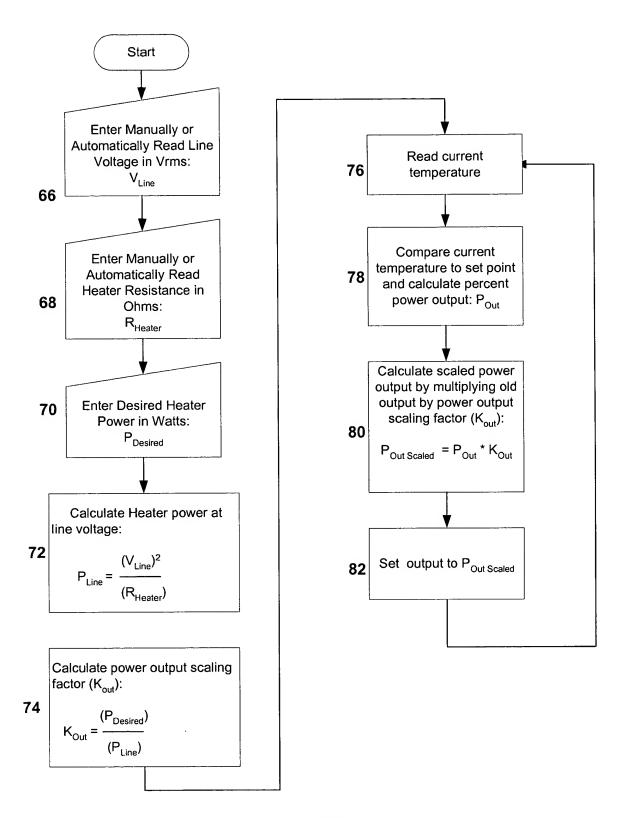


FIG. 6

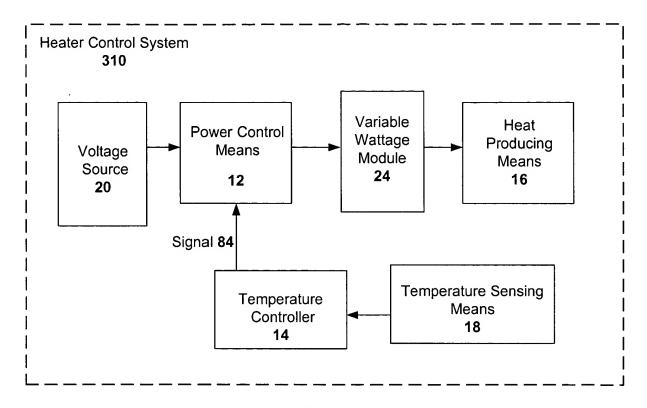


FIG. 7

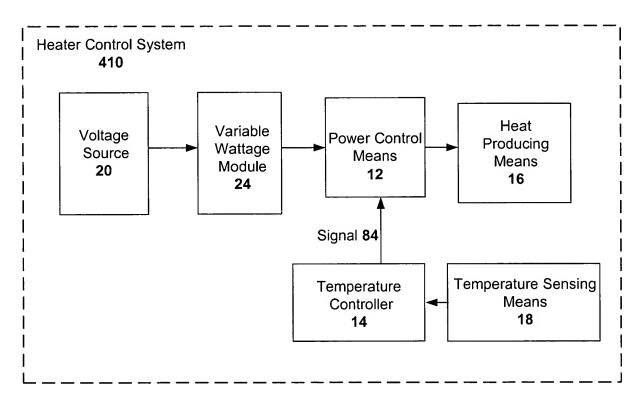


FIG. 8

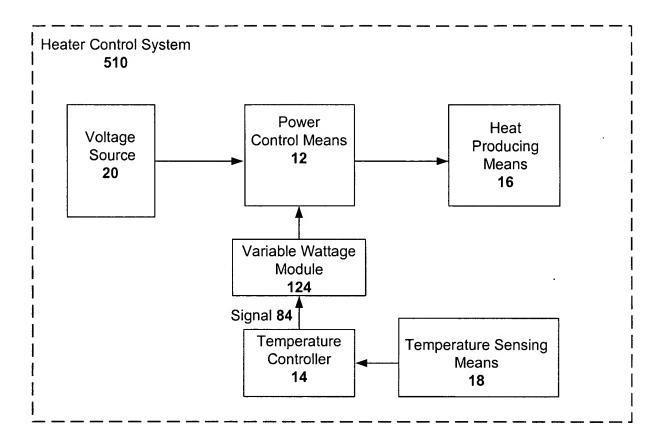


FIG. 9

7% power = 41 degr e conduction angle every cycl 240 Vrms

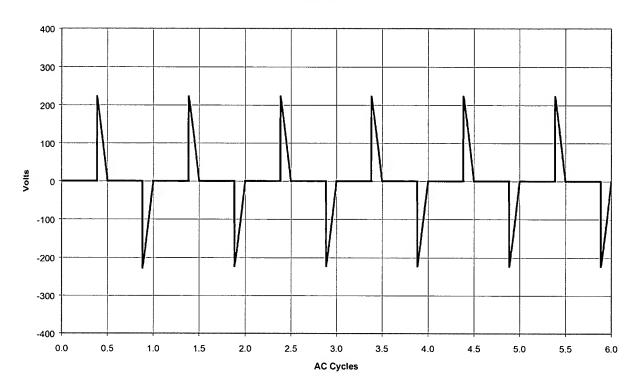


Figure 10A

7% power = 53 degree conduction angle every other cycle 240 Vrms

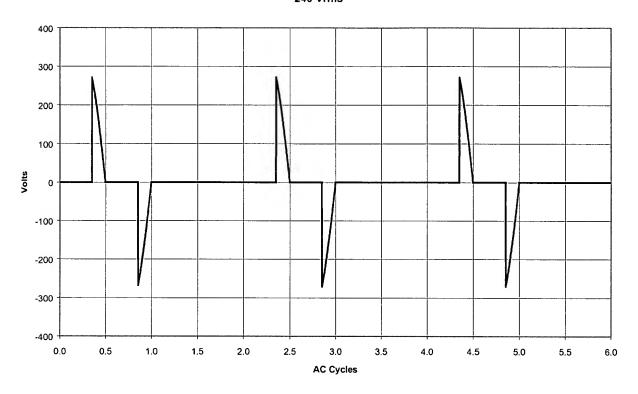


Figure 10B

7% power = 62 degree conduction angle every third cycle 240 Vrms 400 300 200 100 Volts 0 -100 -200 -300 -400 0.0 0.5 1.0 1.5 2.0 2.5 3.0 4.5 5.0 5.5 6.0

Figure 10C

AC Cycles